

ABSTRACT

An apparatus and method of localization of a sensor device and/or anatomical landmark within a body. The sensor device may have multiple imagable marker properties to discern its orientation in the body. The location in the body of the imaged sensor device may be related to an array of internal markers that can, in turn, be related to various anatomical landmarks viewed by an imaging modality. The markers may be imaged using a first imaging modality to determine an internal coordinate system. The first imaging modality may also image the sensor device and/or the anatomical landmark and a location of such determined in the coordinate system. The markers may also be imagable using a second imaging modality that cannot image the sensor device and/or anatomical landmark. The determined coordinate system may be used to localize the sensor device and/or anatomical landmark in the body.